



PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2**Complete if Known**

Application Number	10/685,914
Filing Date	October 15, 2003
First Named Inventor	Copeland
Art Unit	
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DB		US- 784400	03-07-1905	F. F. Howe	
		US- 1818493	08-11-1931	A. T. McWane	
		US- 2201372	05-21-1940	E. A. Miller	
		US- 3445120	05-20-1969	V. L. Barr	
		US- 4119335	10-10-1978	P. F. Rieffle	
		US- 4602792	07-29-1986	W. C. Andrick	
		US- 4647083	03-03-1987	T. Hashimoto	
		US- 4664426	05-12-1987	N. Ueki	
		US- 4789167	12-06-1988	J. Housas	
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		US- 5024454	06-18-1991	K. J. McGlip	
		US- 5037144	08-06-1991	R. G. Peting	
		US- 5094467	03-10-1992	A. Lagabe	
		US- 5150929	09-29-1992	Cyril B. Greatorex	
		US- 5197768	03-30-1993	Conner	
		US- 5269569	12-14-1993	Weber et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	N	JP-5229625-A	03-1977			

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SignatureDate
Considered

7/2/04

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Sheet	2	of	2
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		Application Number	10/685,914
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Filing Date	October 15, 2003
		First Named Inventor	Copeland
		Art Unit	
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	P47579US01NJ	

U. S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
DTS		US- 2491004	12-13-1949	J B Graham	
		US- 2508914	05-23-1950	J B Graham	
		US- 3724880	04-03-1973	Seiler	Col 2; Col 5; others
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		US- 4110333	10-10-1978	Straub	
		US- 4229026	10-21-1980	Seiler	
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		US- 5360218	11-01-1994	Percebois	
		US- 5464228	11-07-1995	Weber	Figs1&2, Col 4, others
		US- 5603530	02-18-1997	Guest	
		US- 2002/0158466	10-31-2002	Jones	
		US- 6502865	01-07-2003	Steele	
		US-			
		US-			
		US-			
		US-			

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Examiner Signature	<i>David Ball</i>	Date Considered	7/9/04
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Attorney Docket Number	P47578US01NJ

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		Number-Kind Code ² (if known)			
JVS		US- 4119333	10-10-1978	Straub	
		US- 4229026	10-21-1980	Seller	
		US- 4540204	09-10-1985	Battle	
		US- 4660866	04-28-1987	Jones	
		US- 4867488	09-19-1989	Jones	
		US- 5645285	07-08-1997	Percebois	
JB		US- 6062611	05-16-2000	Percebois	
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Examiner Signature	<i>[Signature]</i>	Date Considered	07/9/04
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